

**SECRET****PRIORITY**

OUT63430

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 TO AIG NINE SEVEN FIVE  
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 S E C R E T CITE NPIC 2087.

MISSION GL G-987

25 OCT 67

PREFACE  
 THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF  
 AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-987, 23 OCT 67.

((TEXT WHICH FOLLOWED WAS IDENTICAL TO ABOVE CITED MSN G-987))

S E C R E T

-END OF MESSAGE-

\*with text

25X1

Declass Review by NGA

**SECRET**

MISSION GL 6-987

23 OCT 67

OUT63430

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION 6-987, 23 OCT 67. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMIREX TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--  
C @CLEAR@, SC @SCATTERED CLOUD COVER@, HC @HEAVY CLOUD COVER@,  
H @HAZE@, CS @CLOUD SHADOW@, SD @SEMI DARKNESS@, GC  
@GROUND COVER@, CF @CAMOUFLAGE@, O @OBliquity@, AND  
GR @GROUND RESOLUTION@.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD@, F @FAIR@, OR P @POOR@. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL@ OR PT @PARTIAL@. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO@, NS @NONSTEREO@, OR PS @PARTIAL STEREO@.

AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT D21-75 MM@, MEDIUM D76-100 MM@, HEAVY @OVER 100 MM@, AND AUTOMATIC WEAPONS @ZPU-1, ZPU-2, AND ZPU-4@. IF THE CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED @EXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED@.

MISSILES

HOLGUIN SAM SITE B27-2 CU 2052N 07627W  
OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES@, 8 MISSILE TRANSPORTERS @1 WITH EXPOSED MISSILE@, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN ACQUISITION RADAR WITH GENERATOR VAN, 7 ZIL-157V TRUCK TRACTORS, AND 1 OTHER VAN TRAILER.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

HOLGUIN AIRFIELD SAM SITE CU 2046N 07619W  
OB -- 6 EMPLACED LAUNCHERS, 4 MISSILE TRANSPORTERS @1 WITH EXPOSED MISSILE@, A FAN SONG RADAR, 1 TRUCK-MOUNTED CRANE, 3 VAN TRAILERS, AND 5 VEHICLES/PIECES OF EQUIPMENT.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

HOLGUIN SAM SITE WEST CU 2051N 07627W  
OB -- NONE.  
CONSTRUCTION CONTINUES.

25X1

SANTIAGO DE CUBA SAM SITE 2 CU 1958N 07549W  
OB -- NONE OBSERVED.  
CONSTRUCTION CONTINUES.

**BUILDING ARE COMPLETE.**

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25X1

**PALMA SORIANO SAM SITE A82-2 CU 2015N 87559W**  
OB -- 6 EMPLACED LAUNCHERS, AN OCCUPIED GUIDANCE AREA,  
AND AT LEAST 10 MISSILE TRANSPORTERS.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

**LA VEGUITA SAM ASSEMBLY AREA CU 2845N 87615W**  
OB -- 3 MISSILE TRANSPORTERS, 5 MISSILE CANISTER  
TRANSPORTERS, NUMEROUS MISSILE CANISTERS, 10 CARGO  
TRUCKS, AND 2 TRUCK-MOUNTED CRANES.  
NO APPARENT CHANGE IN FACILITIES.

25X1

**SAN PEDRO DE CACOCUM SAM SITE A86-2 CU 2845N 87615W**  
OB -- 6 EMPLACED LAUNCHERS Q1 WITH MISSILES, A FAN SONG  
RADAR WITH 6 ASSOCIATED VAN TRAILERS, AND 2  
VEHICLES/PIECES OF EQUIPMENT.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

**LA MATA SAM SITE A35-2 CU 2814N 87548W**  
OB -- 6 EMPLACED LAUNCHERS Q3 WITH MISSILES, 1  
ADDITIONAL LAUNCHER, 9 MISSILE TRANSPORTERS, A FAN SONG  
RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN ACQUISITION  
RADAR WITH GENERATOR VAN, 3 VAN TRAILERS, AND 3 CARGO  
TRUCKS.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

**AIR FACILITIES**  
**CAMAGUEY INTERNATIONAL AIRFIELD CU 2125N 87758W**  
OB -- 1 COLT AND 6 HOUND.

25X1

**HOLGUIN AIRFIELD CU 2847N 87618W**  
OB -- 5 FISHBED, 15 FASOT/FRESCO, AND 1 HOUND.

25X1

**LOS CANOS AIRFIELD CU 2885N 87589W**  
OB -- 1 COLT.

25X1

**ANTONIO MACEO AIRFIELD CU 1958N 87558W**  
OB -- 2 LIGHT AND 1 MEDIUM STRAIGHT-WING.

25X1

**NAVAL ACTIVITY/PORTS**  
**SANTIAGO DE CUBA NAVAL BASE AND PORT CU 2001N 87558W**  
OB -- NONE OBSERVED.  
VESSELS -- 7 LARGE FREIGHTERS AND 2 COASTAL FREIGHTERS.

25X1

**CAIBARIEN PORT CU 231N 87928W**  
VESSELS -- NONE.

25X1

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**ELECTRONICS/COMMUNICATIONS**

**HOLGUIN RADAR SITE CU 2848N 87618W**

**OB --- NONE OBSERVED.**

25X1

**PUNTA MAISI LOW SIEVE RADAR SITE CU 2814N 87489W**

**OB --- 1 LOW SIEVE RADAR.**

25X1

**MILITARY ACTIVITY**

**ALTO CEDRO MILITARY CAMP CU 2829N 87658W**

**OB --- AREA 1 -- 6 CARGO TRUCKS, AREA 2 -- 14 CARGO TRUCKS AND 11 FA PIECES. AREA 3 -- 16 FA PIECES, 14 CARGO TRUCKS, AND 2 OTHER VEHICLES. AREA 4 -- 13 TANKS/SP GUNS, 33 CARGO TRUCKS, AND 2 OTHER VEHICLES. AREA 5 -- 15 BTR-68P, 12 FA PIECES/MORTARS, 39 CARGO TRUCKS, AND 4 OTHER VEHICLES. AREA 6 -- 25 CARGO TRUCKS. AREA 7 -- 5 BTR-68P, 11 BTR-152, 9 PROBABLE FA PIECES/MORTARS, AND 12 CARGO TRUCKS.**

**NO APPARENT CHANGE IN FACILITIES.**

25X1

**DOS CAMINOS MILITARY CAMP CU 2814N 87547W**

**OB --- 31 FA PIECES, 6 PROBABLE AAA PIECES, 9 TRACKED PRIME MOVERS, 69 CARGO TRUCKS, AND 5 OTHER VEHICLES.**

**NO APPARENT CHANGE IN FACILITIES.**

25X1

**GUANTANAMO AREA CU 2818N 87525W**

**NO NEW MILITARY ACTIVITY OBSERVED.**

**AREA 1 -- 98 PERCENT USEABLE COVERAGE.**

**AREAS 2 AND 4-8 -- 88 PERCENT USEABLE COVERAGE.**

**AREA 3 -- 68 PERCENT USEABLE COVERAGE.**

**AREA 9 -- 58 PERCENT USEABLE COVERAGE.**

25X1

**HOLGUIN MILITARY CAMP EAST CU 2853N 87613W**

**OB QMAIN CAMP -- 18 TANKS/SP GUNS, 32 FA PIECES, 41 AAA PIECES, 29 MORTARS, 8 BTR-68P, 83 CARGO TRUCKS, 7 UTILITY TRUCKS, AND 6 OTHER VEHICLES/PIECES OF EQUIPMENT.**

**OB QCAMP 2.2 NM SE -- 5 FA PIECES, 4 MORTARS/AAA PIECES, 5 PROBABLE BTR-68P, 15 CARGO TRUCKS, AND 6 OTHER VEHICLES/PIECES OF EQUIPMENT.**

**NO APPARENT CHANGE IN FACILITIES.**

25X1

**HOLGUIN MILITARY CAMP NORTH CU 2857N 87616W**

**OB -- 5 TANKS/SP GUNS, 5 AAA PIECES, AND 27 CARGO TRUCKS.**

**NO APPARENT CHANGE IN FACILITIES.**

25X1

**SANTIAGO MILITARY CAMP CUABITAS CU 2853N 87548W**

**OB -- 7 PROBABLE TANKS/SP GUNS AND 9 OTHER VEHICLES.**

**NO APPARENT CHANGE IN FACILITIES.**

25X1

EL CRISTO MILITARY INSTALLATION CU 2818N 87547W  
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OB -- 4 VEHICLES/PIECES OF EQUIPMENT.  
NO APPARENT CHANGE IN FACILITIES.

25X1

MINAS MILITARY CAMP FUNDICION CU 2127N 87734W  
OB -- 18 TANKS/SP GUNS, 21 CARGO TRUCKS, AND 2 VAN TRUCKS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN FACILITIES.

25X1

OFELIA MILITARY CAMP CU 2806N 87538W  
OB -- AT LEAST 7 TANKS/SP GUNS, 18 FA PIECES, 4 PROBABLE MORTARS, 47 CARGO TRUCKS, AND 1 TRUCK-MOUNTED CRANE.  
ACTIVITY -- 4 OCCUPIED 6-GUN AAA SITES.  
NO APPARENT CHANGE IN FACILITIES.

25X1

PUERTO PADRE MILITARY AREA CU 2111N 87639W  
OB -- 4 PROBABLE TANKS/SP GUNS AND 2 CARGO TRUCKS.  
NO APPARENT CHANGE IN FACILITIES.

25X1

PLAYA YATERITAS LANDING BEACH CU 1958N 87457W  
NO NEW MILITARY ACTIVITY OBSERVED.

25X1

NICARO LANDING BEACH CU 2842N 87533W  
AN OCCUPIED 6-GUN AAA SITE IS LOCATED AT UTM 18QVT422892.  
MAP REFERENCE -- AMS SERIES E723, SHEET 5878-II, 2D ED. N

25X1

IMIAS LANDING BEACH CU 2885N 87448W  
NO NEW MILITARY ACTIVITY OBSERVED.

25X1

MOA PUNTA GORDA LANDING BEACH CU 2839N 87453W  
NO NEW MILITARY ACTIVITY OBSERVED.

25X1

MOA CANANOVA LANDING BEACH CU 2839N 87502W  
NO NEW MILITARY ACTIVITY OBSERVED.

25X1

SANTA ANA MILITARY CAMP CU 2848N 87612W  
AREA 1 -- FACILITIES INCLUDE 4 BARRACKS, 1 ADMINISTRATION BUILDING, 5 VEHICLE SHEDS, AND 7 OTHER SUPPORT BUILDINGS.  
AREA 2 -- FACILITIES INCLUDE 17 BARRACKS, 3 ADMINISTRATION BUILDINGS, 6 VEHICLE SHEDS, 8 SUPPORT BUILDINGS, AND 8 BUILDINGS UNDER CONSTRUCTION.  
OB -- 6 TANKS/SP GUNS, 3 PROBABLE TANKS/SP GUNS, PROBABLE BTRD, 24 CARGO TRUCKS, AND 18 UTILITY TRUCKS.

25X1

sec-3

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STATUS OF OTHER TARGETS

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

CAYO DE SABINAL LAND BEACH

214 87728W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

SANTIAGO DE CUBA SAM SITE A23-2

1959N 87550W

SANTIAGO DE CUBA SAM ASSEMBLY AREA

2884N 87553W

SANTIAGO SAM TRAINING AREA

1958N 87551W

SANTIAGO DE CUBA EW/GCI RADAR SITE

1959N 87551W

SANTIAGO DE CUBA EW/GCI RADAR SITE 2

2885N 87551W

LA ESCAPA LOW SIEVE RADAR SITE

1958N 87552W

PUNTA MULAS SUSPECT LOW SIEVE RADAR SITE

2181N 87535W

SANTIAGO MILITARY CAMP LA QUINTA

2882N 87551W

SANTIAGO DE CUBA MILITARY BKS NW

2883N 87554W

SANTIAGO DE CUBA MILITARY CAMP NW

2883N 87553W

SANTIAGO DE CUBA MIL CAMP SAN JUAN HILL

2881N 87547W

MAR VERDE LANDING BEACH

1957N 87556W

SANTIAGO MIL LCAMP SW EARTH-COVERED BUNKER

1959N 87558W